

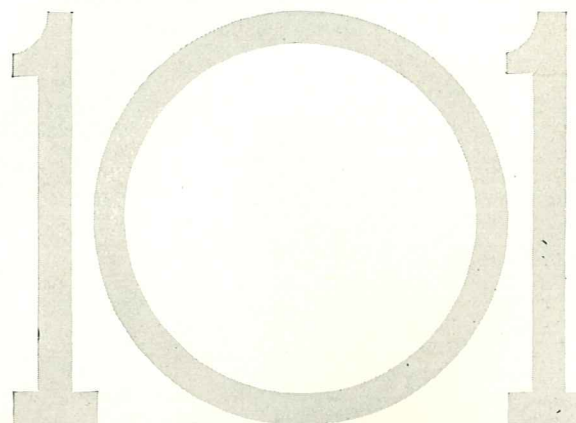
101 PRACTICAL SUGGESTIONS for HOME IMPROVEMENTS



*The NEW
1937
Edition*

C O N T E N T S

	PAGES
New roofs for old	2-5
Solving the siding problem	6-9
Winter and summer comfort indoors	10-11
Making the basement attractive	12-15
Turning the attic into a useful room	16-19
Beauty treatments for walls and ceilings	20-21
Bringing the kitchen up to date	22-25
Lustrous, "tile-like" walls at low cost	26-27
How to finance home improvements	28
Questions to ask your house	29



PRACTICAL SUGGESTIONS for HOME IMPROVEMENTS

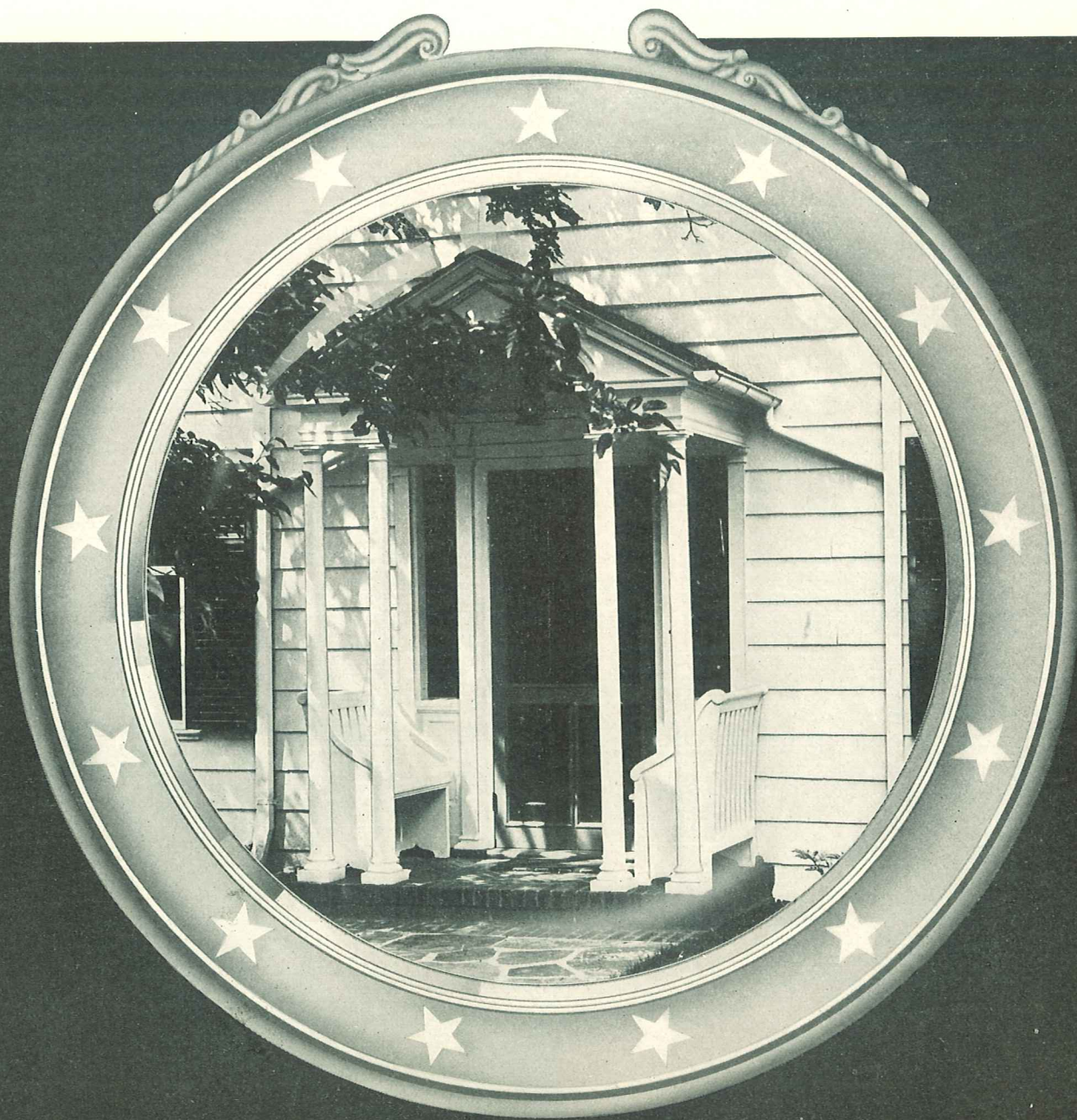
The important subject of improving the home is one in which you, as a home owner, are undoubtedly interested. Johns-Manville takes pleasure in being able to offer you specific suggestions regarding this subject, by illustrating in word and picture just what most people want to do first when they think about "fixing up" their homes. We hope that you will enjoy looking through these pages, and that you will find at least one suggestion that will enable you to make your home more nearly as you want it to be ★ In considering your plans you will want to consult your Johns-Manville dealer. He can show you actual samples of all Johns-Manville Building Materials; he can also help you with any other improvement problem you may be facing. Because he is in close contact with reliable architects and contractors, he can recommend the man or men who will be best qualified to carry out your ideas. Furthermore, he can explain just how little it will cost to improve your home under the extremely favorable terms of the government-sponsored home improvement plan ★ If you are unable to locate your Johns-Manville dealer, write to Canadian Johns-Manville, Toronto (6), Ont., or to the nearest District Office listed on the back cover.

Let's hold a mirror up to your home

HAVE YOU ever looked at your home as critically as you look at yourself in a mirror? Probably you have not—but it might be a very interesting experiment to make. Just as you make certain that everything about your personal appearance is correct by minutely examining every detail, so you can notice ways to improve your home by looking at its many aspects as if in a mirror.

Your examination should naturally include the roof and the walls. It should most certainly include every room, and it should, in addition, take in the attic and the basement. It should also reveal the livability of your home from the standpoints of convenience and ease of cleaning.

If what you see in this mirror does not entirely satisfy you—if the image does not express the real personality which you have always desired your home to express—then a glance at the following pages may reveal just the refinements you should make to “dress it up” in the latest style. The pictures shown in this book illustrate what other home owners have done, using Johns-Manville Building Materials, to interpret their ideas of home beauty and convenience. Beginning with the roof, the following pages will take you on an intimate tour of your entire home, pointing out common faults and giving practical suggestions for their correction.





Re-roof for the last JOHNS-MANVILLE

OUR FIRST GLIMPSE in the mirror will show us your home as the passerby or neighbor sees it. Let us look especially at the roof, and judge whether it is colorful, or dull. Do the shingles lie flat and snug, or are they rotting, splitting and falling out? Are they fireproof, or are they an ever-present fire hazard? Any roof, to meet all requirements, should have the following characteristics: It should be *permanent*; it should be *fireproof*; it should be both *colorful and pleasingly styled*.

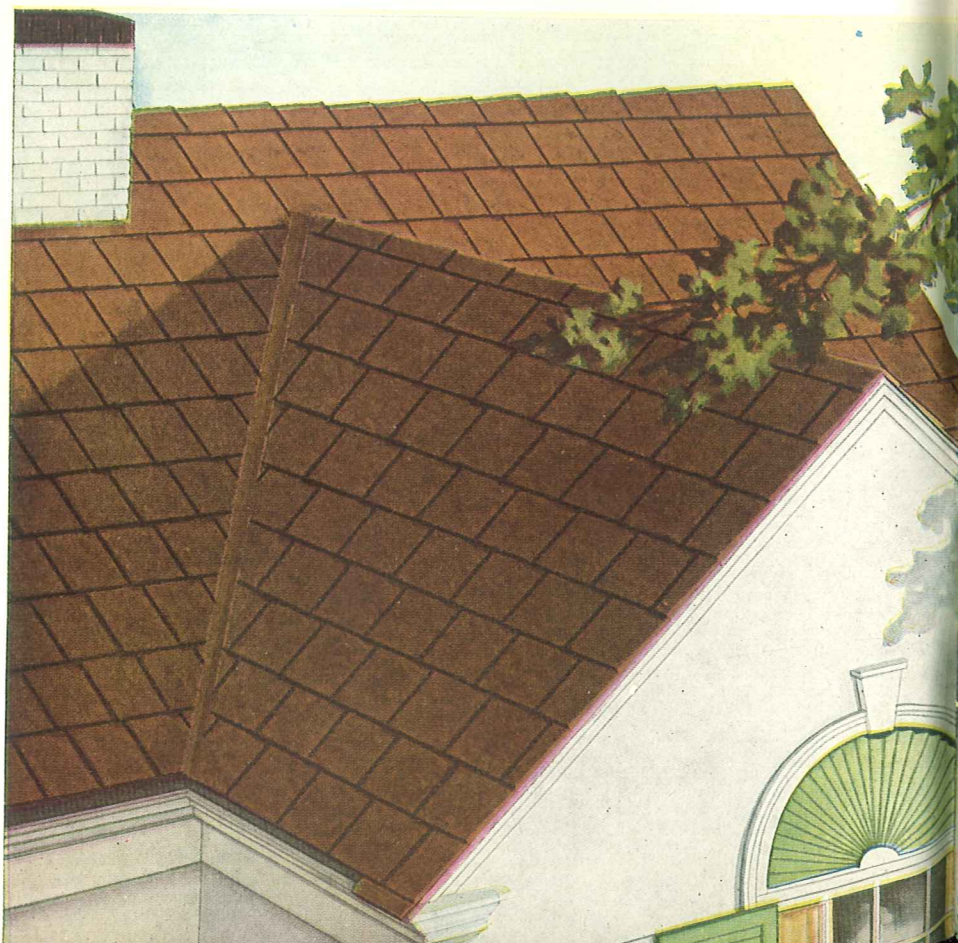
Johns-Manville Asbestos Shingles, famous for more than 20 years, possess every one of these advantages. Because they are made of asbestos and cement, they can neither burn nor wear out. There is no patching because of rot and deter-

No finer roof can be selected than a roof of fireproof, weatherproof Johns-Manville Asbestos Shingles—recognized to be the utmost in roofing quality. In both color and texture these shingles combine to make a roof of unusual beauty which never grows old. The colors include Solid Red, Mottled Gray and Solid Gray.



**APPLIED RIGHT OVER YOUR
OLD SHINGLES . . . No incon-
venience . . . No danger . . .**

You don't have to go through the trouble and inconvenience of *de-roofing* your house before you can *re-roof*, for Johns-Manville Asbestos Shingles can be applied right over your old shingles! There is no risk of damage from a sudden shower; there is no risk of injury to your shrubs or lawn by torn-off shingles. Re-roofing the Johns-Manville way is a quick, simple operation that is designed to safeguard your property at every stage of the work.



time with ASBESTOS SHINGLES

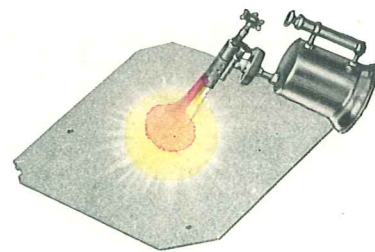
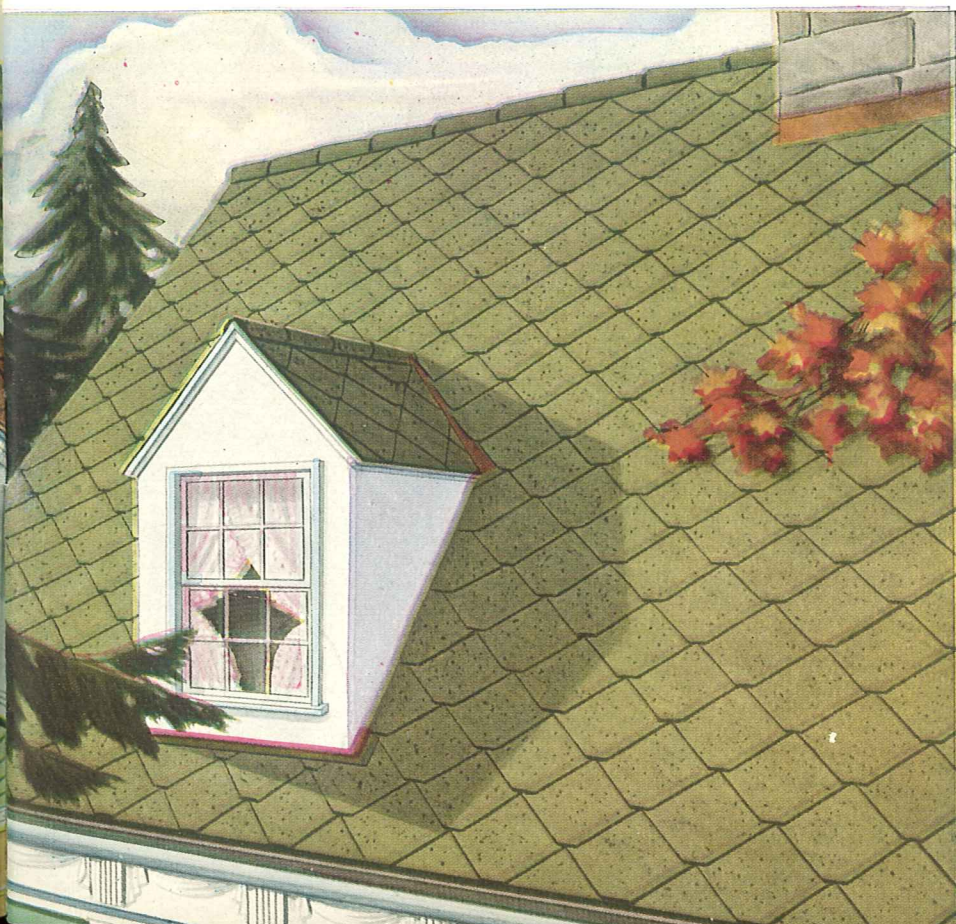
ioration. No fear of leaks. No budgeting year after year for roof upkeep. No fear of roof-communicated fire. Truly these shingles make the ideal roof!

Yet in spite of these characteristics, Johns-Manville Asbestos Shingles are not expensive. New designs and improved methods of application have brought the cost down to where no one can afford to be without the protection they provide.

Let your Johns-Manville dealer or contractor inspect your present roof, report on its condition, and tell you how little it will really cost to cover it with fireproof, permanent J-M Asbestos Shingles.

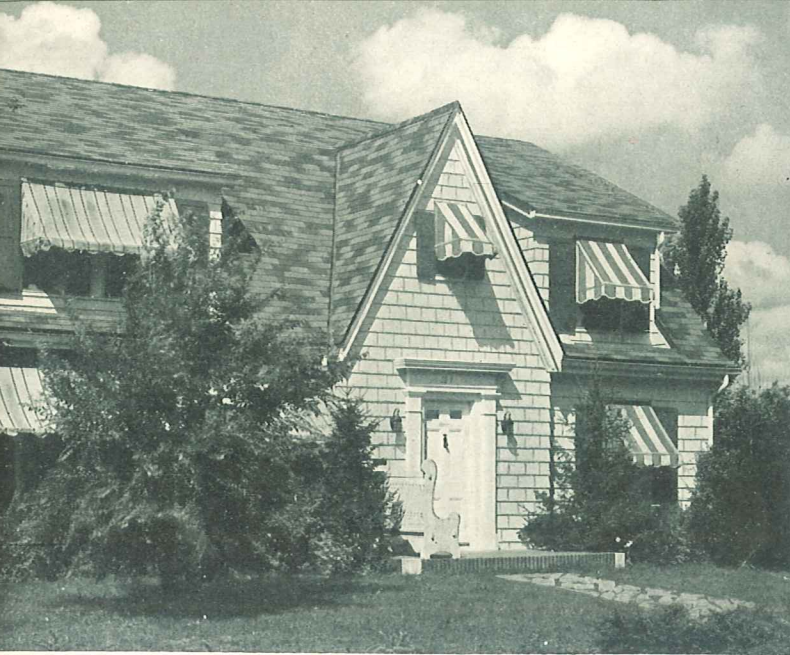


From the various styles of Johns-Manville Asbestos Shingles you can select the right roof to harmonize perfectly with your home and its surroundings. Although each has individual characteristics of design, all will give you complete protection from fire and weather as long as your home stands. The first cost, likewise, is the last cost.



NOT ONE J-M ASBESTOS SHINGLE HAS EVER BURNED OR WORN OUT

The blowtorch shown above, as it plays full force on a Johns-Manville Asbestos Shingle, dramatically illustrates the kind of protection you receive from a Johns-Manville Asbestos Shingle Roof. What you can't see in the picture, however, is the amazing resistance which these shingles possess against the onslaughts of the weather. Thousands of home owners will testify to the truth of this statement — *"Not one J-M Asbestos Shingle has ever burned . . . not one has ever worn out!"*



Roofs of

JOHNS-MANVILLE ASPHALT

SHINGLES give LONG YEARS OF SERVICE at a MODERATE FIRST COST

LITERALLY THOUSANDS of home owners have chosen Johns-Manville Asphalt Shingles for their homes because of their color, design and economy. Built on a base of selected felt, saturated with specially refined asphalts, coated with a tough, weather-resistant asphalt, and finally surfaced with colorful granules of slate or minerals, these shingles will give you long years of service at lowest cost. Because they retain their color through the years they require no "brightening up" treatments. And for the same reason, they do not require periodic protective coatings.

Your Johns-Manville dealer can give you full details about all the styles,

weights and colors in which these shingles are available. Some of the attractive colors are shown on these pages. Like J-M Asbestos Shingles, these Asphalt Shingles can be applied right over your present roof, thus giving you double protection, and the insulating value of the old roof under the new. The cost of these J-M shingles is so economical that you need go no longer without the protection of a genuine, weathertight Johns-Manville roof on your home.

Be sure to select a reliable contractor

When you re-roof your home, avoid traveling roofers who make it their

business to do work at cut-rate prices, and leave town before the low quality of their work can be discovered. Be sure you get exactly the style and weight you order, especially with asphalt shingles, where similarity in design often makes it possible for an unscrupulous contractor to substitute inferior grades for those you selected.

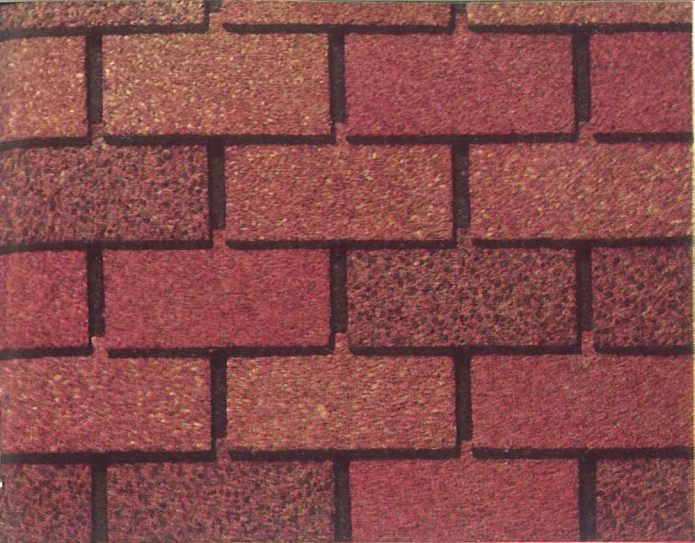
Once you have selected the style of Johns-Manville shingle you prefer, and have chosen a reliable contractor whom you know will stand behind his work, you can be sure of receiving a good-looking, weathertight, correctly-applied roof that will give you fullest value for your investment.



TILE RED
Thick-butt Twin



BLUE-BLACK
Thick-butt Twin



**MONTROSE
RED**
Thick-butt Twin



**CHARMAINE
GREEN**
Thick-butt Twin



**BURGUNDY
BLEND**
Thick-butt Twin

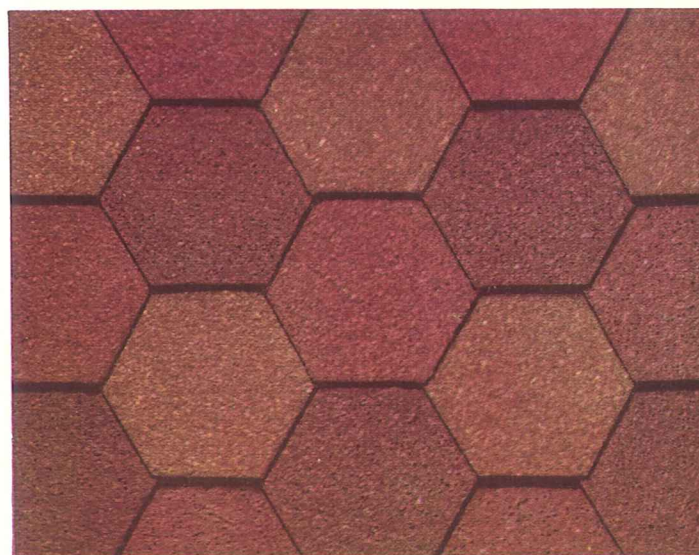
THESE ARE THE BEAUTIFUL COLORS AND BLENDS OF *Johns-Manville* ASPHALT SHINGLES



**KILLARNEY
GREEN**
Thick-butt Twin



**BARCELONA
BROWN**
Thick-butt Twin



**MONTROSE
RED**
Hexagonal Style



NEW WALLS OF BEAUTY

that have all the charm of wood . . .

but are fireproof and permanent

PROBABLY even more important than the roof, as we look in our mirror, are the walls. If they are shabby and weatherworn, they are not only affecting the appearance of the home, but they are also adding materially to the cost of protecting it against the weather.

In the past you have had to take this periodic expense for granted. But now, thanks to a new development by Johns-Manville, you can retain all the beauty of wood shingles, and at the same time eliminate the need for upkeep expense. Simply by applying permanent, fireproof J-M Cedargrain Asbestos Siding right over your old walls you can transform your home from one which now may be a constant source of expense, into one on which you need never pay another bill for side wall upkeep.

The modern siding material

J-M Cedargrain Asbestos Siding Shingles are reproduced direct from fine wood shingles, especially selected for their interesting texture and graining. Their color effects a pleasingly blended shade of gray that will not change except to become richer with age. Although made in large pieces for economical application, Cedargrain Siding looks like individual shingles laid in random widths with a wavy irregular butt.

The outside appearance of your home can be completely transformed at low cost when Cedargrain Siding is used. These shingles are applied right over the unsightly walls whether they are made of wood shingles, clapboard or stucco. Notice how well this siding adapts itself to the several styles of architecture illustrated on the following pages. Your home, too, can be sided just as attractively with Cedargrain at a cost but little higher than a good two-coat paint job. And the first cost is the last cost.

The advantages of J-M Cedargrain Siding have proved a blessing to many landlords, for they not only improve the rentability of property, but have actually brought increased returns in the form of better rental prices, while

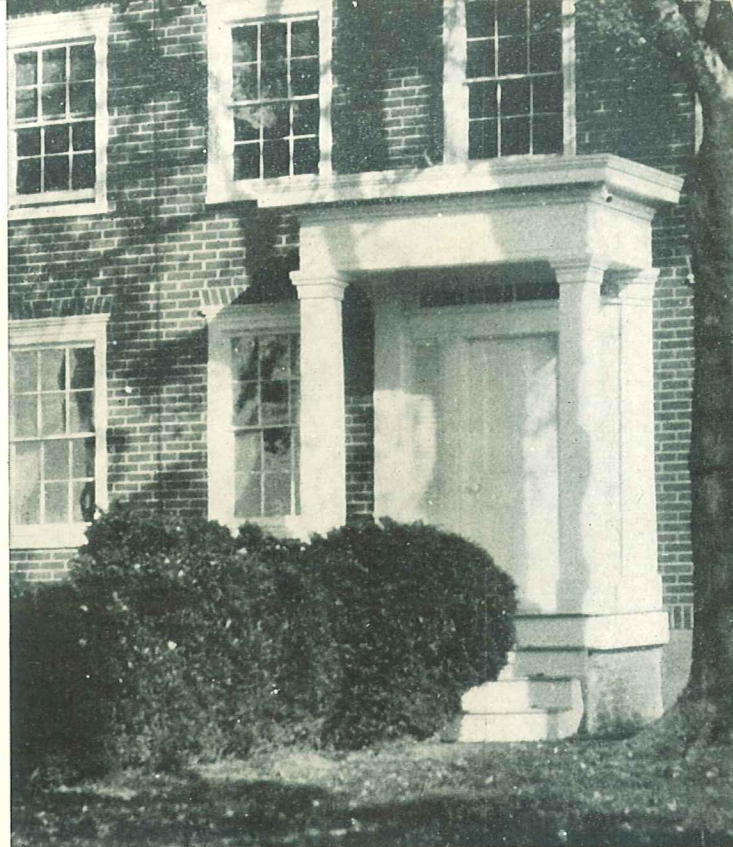


completely eliminating the need for frequent painting and repairs. Your Johns-Manville dealer or contractor will be glad to give you an estimate for re-siding your home.

You can also have walls that look like brick

EVEN IF you would like to change your home from a frame dwelling to one that has the appearance of brick, you can still obtain the desired effect with Johns-Manville Bric-Side *Asphalt* Shingles. These popular siding shingles, as illustrated at the right of this page, actually have the appearance of genuine brick, and come in strips ready for application right over the old siding. They are made on a base of quality felt saturated and coated with refined asphalts, and covered with a rolled-in surface of colorful, fireproof slates and minerals.

With J-M Bric-Side Asphalt Shingles you can completely transform the appearance of your home, at even lower cost than with Cedargrain Siding Shingles. Although these shingles are not as permanent or fireproof as Cedargrain, they will give you long years of service without upkeep. Ask your J-M dealer to show you samples of the beautiful colors and blends in which these shingles are made.





ATTRACTIVE *New Walls of* JOHNS-MANVILLE CEDARGRAIN SIDING TRANSFORM THE EXTERIOR OF YOUR HOME

HAVE you ever seen more attractive exteriors than these? Examine especially the "close-up" photographs which reveal the beauty of texture Cedargrain possesses. Imagine how fine *your* home would be with a new "overcoat" of these shingles. Then picture yourself in years to come absolutely free from all worry about your walls, and with an actual cash saving because you did not have to paint your home every few years. Wouldn't J-M Cedargrain Siding be a good investment for you to make?

★ The illustrations at the left and below show the fine texture and pleasing beauty Cedargrain will always impart to the home. Whether for remodeling or new construction these fireproof, permanent shingles provide a distinctive appearance of home-like simplicity and charm.



SIDE WALL BEAUTY WHICH NEVER GROWS OLD! FOREVER FREE FROM UPKEEP EXPENSE AND DANGER OF FIRE.

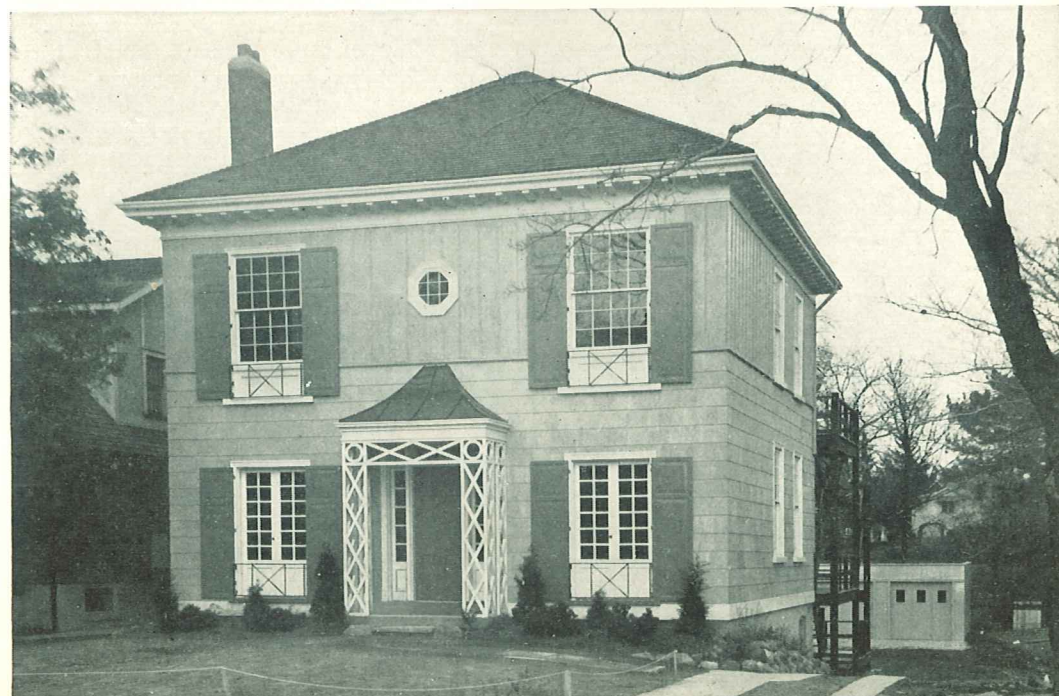
For delightful texture it would be difficult to surpass Cedargrain Shingles. The wide 10½" weather exposure tends to make the home appear larger. Whether used for re-siding or new construction you can look forward to these fireproof, permanent shingles giving constant side wall protection, without any thought of maintenance expense. Easily and quickly applied right over wood shingles, stucco or clapboard siding. On a new home, Cedargrain is applied over the sheathing.



One would scarcely believe that the old vacant house and the attractive home at the right are one and the same. Thanks to Cedargrain Shingles this property became not only better looking, but profitable as well, for it was rented immediately after being improved.



What a remarkable change! An attractive modern home from a drab uninteresting place simply by re-siding it with J-M Asbestos Cedargrain Shingles. It now has an inviting "home-like" appearance that is hard to surpass.





TODAY ANY HOME CAN BE *Cool AND Comfortable* IN SUMMER... AND YOU CAN SAVE UP TO 30% ON FUEL IN WINTER

WHAT DOES the mirror show about year-'round *comfort* in your home? You can't *see* comfort, but you can always tell when you are without it! For instance, aren't there times in summer when your bedrooms are unbearably hot and you just can't sleep a wink? Aren't there days in winter when you just can't seem to keep the house warm? And how about the fuel bills? Don't they often seem high?

With Johns-Manville Rock Wool Home Insulation you can make this discom-

fort—these high fuel bills—things of the past! Picture to yourself a gigantic sunshade that resists the passage of heat as effectively as 11 feet of solid stone. You will then have a good idea of how this Johns-Manville Home Insulation will keep the heat of the sun from pouring through your roof and walls. Actual experience shows that when the home is J-M insulated, indoor temperatures are often as much as fifteen degrees lower on the hottest days in summer.

And in winter, this same material becomes a snug, warm overcoat that makes those upstairs rooms as easy to heat as the rest of the house. Fuel bills go down (30% is not uncommon) and cold, drafty rooms become warm and comfortable. Furthermore, there are fewer family colds.

What is J-M Rock Wool, and where is it installed in the home?

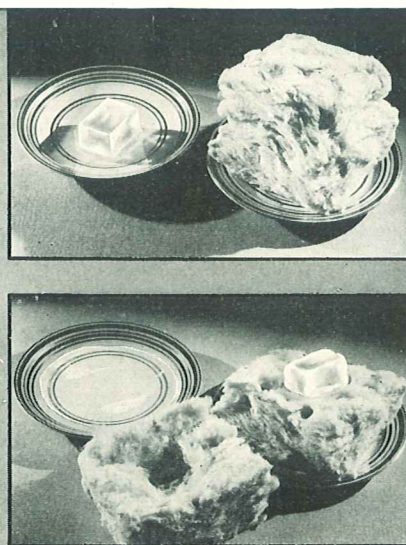
J-M Rock Wool is exactly what its name implies—a light, fluffy, wool-like substance that has all the permanence and fire resistance of rock. To obtain this

amazing material, Johns-Manville takes stone and melts it under terrific heat until it flows like water. Then, as this molten rock runs through an outlet into a jet of live steam, an amazing transformation occurs. What was once liquid rock now drifts down as lightly as snow-flakes—a permanent, fireproof, heatproof wool.

Johns-Manville then takes this fluffy wool and makes it into "batts" that look like cotton batting, with a special waterproof backing. This form is known as Type B Home Insulation. It is applied by hand in the attics and walls of homes under construction. It comes in two handy sizes, factory-made to fit standard beam spacing.

This same Rock Wool is also made in little nodules, like whorls of thread. This form is known as Type A Home Insulation, and is used to insulate the walls and attics of homes already standing. It is installed through a hose.

In certain types of work, such as unfinished attics in either new or old houses, either type may be used with equal efficiency.



★ ★ ★ ★ Here's an interesting experiment you will enjoy making. Take two pieces of ice of equal size. Put one in a saucer. Wrap the other in J-M Rock Wool. When the unprotected piece of ice has melted, unwrap the other. You will be astonished at how little it has melted. No wonder your home becomes up to 15° cooler in summer, and easier to heat in winter, on up to 30% less fuel!

J-M Rock Wool stops all three forms of heat transfer

Believe it or not, heat can pass in or out of your home with ease. Most wasteful of your heat is the roof, which is but the thinnest of barriers to the passage of heat and cold. Only by covering such heat-stealing spaces with a permanent, heat-proof material can you completely insulate your home.

There are three ways that heat travels in and out of your home. The first is by *radiation*, which is the transfer of heat from one body to another through space, by wave motion. The second is by *conduction*, which is the passing of heat from one body to another by actual contact. The third is by *convection*, which is the passage of heat from one body to another on currents of air.

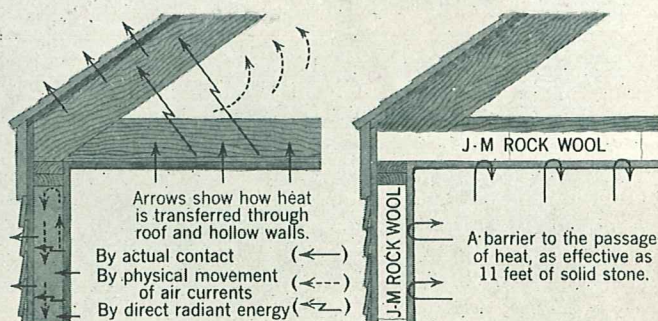
Some house insulating materials resist the passage of heat in only one of these three ways, and consequently are only partially efficient. But Johns-Manville Rock Wool resists the passage of heat in all three ways—as long as your house stands!

Installed in any Home

No matter how new or how old your home may be, it can be insulated the Johns-Manville way. Even homes of brick and stone veneer, or of stucco offer no problem. The cost is low, and your savings on fuel bills will help pay for the job. These savings become money in your pocket in future years.

Before you attempt to go through another season of discomfort, be sure to get an estimate on insulating your home with Johns-Manville Rock Wool.

The four men shown on this page are helping to prevent family colds in winter, and are also insuring comfortable upstairs rooms in the heat of summer. The man at the top is applying J-M Type B batts in the attic floor of a home being built, while the man directly below him is installing the same material in an attic during remodeling. The two men shown at the bottom of the page are "blowing" Type A Home Insulation through a hose into the walls and attic floor of homes already standing. Both methods result in a scientifically correct installation. When your walls are filled with this fireproof, permanent material, fire cannot run upward through them to destroy your home.



THESE DIAGRAMS SHOW HOW J-M ROCK WOOL STOPS ALL THREE FORMS OF HEAT TRANSFER

Your home has hollow walls and empty attic spaces through which heat can pass in or out by radiation, conduction, and convection, (see diagram at left). When these spaces are filled with "full-stud thickness" J-M Rock Wool, they present a barrier to the passage of heat as effective as a solid stone wall 11 feet thick.

YOUR *Basement* CAN BE MADE INTO A USEFUL ROOM . . .



This colorful basement room features a nautical decorative treatment of unusual design. J-M Decorative Tile on the ceiling had been effectively used to blend with walls of Standard Insulating Board sheets (grooved by the contractor), a dado of J-M Standard Flexboard painted, and a fireplace face of Asbestos Wainscoting in Black and Gold. Approximate cost for a 20' x 24' room including stairway treatment, \$11.90 per month for 36 months.

AN EXTRA ROOM FOR YOUR HOME

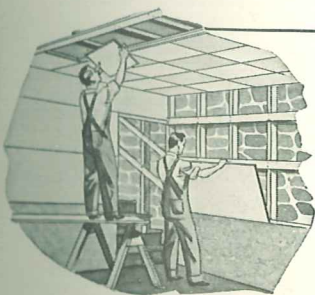
WHEN you hold the mirror up to your basement, you'll probably be disappointed in what you see. Basements have generally been ignored in home planning. But today, your cellar, with all its faults, can be made to add immeasurably to the comfort and convenience of your home. If you want an out-of-the-way playroom for the children, the cellar is ideal. And if you want to have a game room for dad and his friends, or for mother and her bridge club, the cellar is the logical place to have it.

And right here is where Johns-Manville Building Materials step into the picture. It is astonishing to see how quickly the large sheets are applied over the rough walls and splintery beams. These materials are more than ordinary wall boards; they are decorative materials in their own right, and they needn't be painted unless you want a special color. They are not limited to basement use, but can be installed wherever their characteristics are desired.

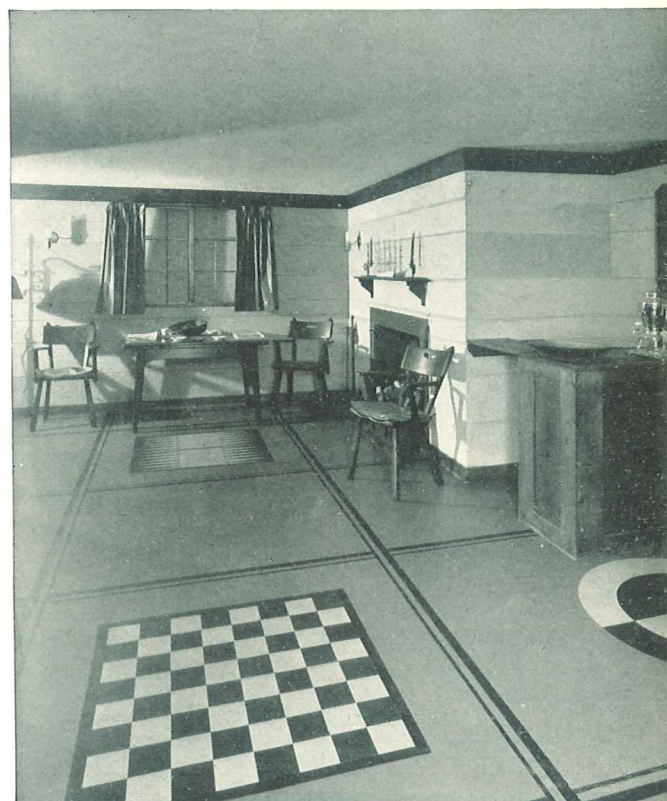
In the family of Johns-Manville Insulating Board products, you will find a group of materials so versatile, so readily adaptable to decorative requirements, and so practical and economical to apply that they have simplified the construction and modernization of all types of interiors. For the proper selection of a suitable material to serve your purpose, we believe the suggestions on the following pages will prove helpful.

In many pictures, you will see how Johns-Manville Flex-board can be used as full wall treatment, or combined with Insulating Board. In still other pictures you will find J-M Asbestos Flexboard, an integrally colored asbestos-cement sheet material with a lustrous surface. For the joints you can choose between metal strips, bevels, battens, or butted joints. With this wide choice, you can make the joints part of the general effect of the room.

For ceilings, we recommend J-M Decorative Ceiling Tile, or the Bevel Tile, which are large-sized, pre-designed Insulating Board products that will harmonize with any J-M wall material used.



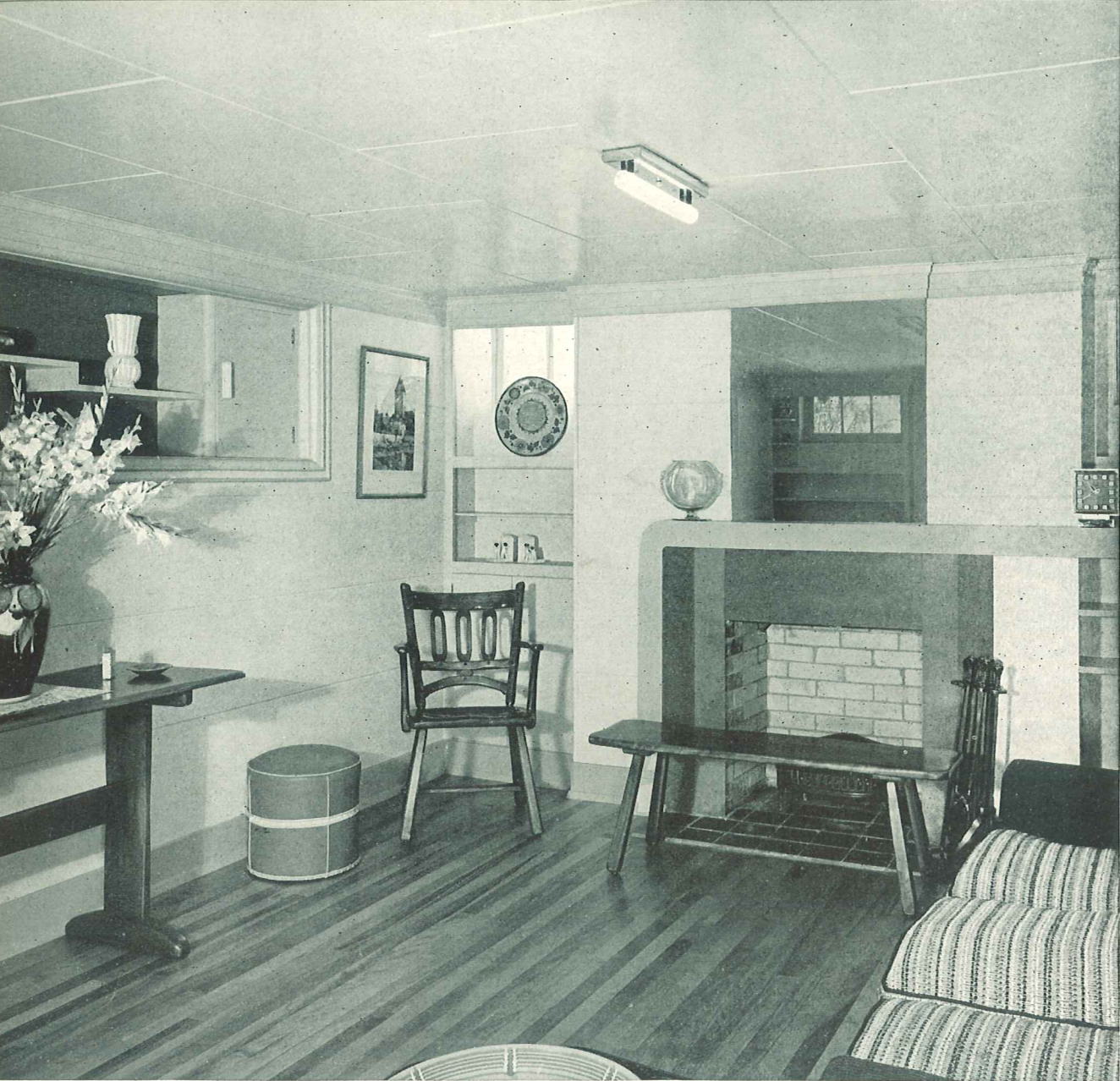
This little sketch shows how J-M Insulating Board materials are easily and quickly installed.



The modern effect of this attractive basement room is achieved through the use of J-M Insulating Board material.

It required very little effort or expense to make this attractive recreation room.



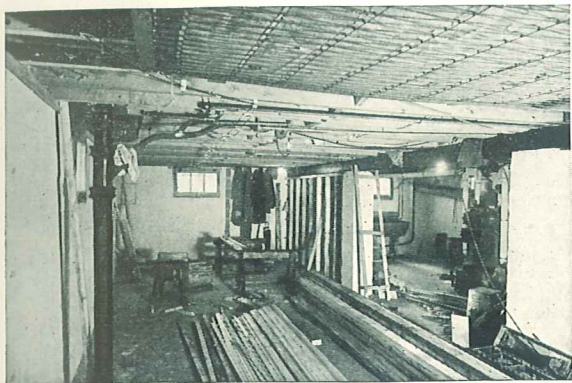


Before and After: Almost hopeless, you might term the basement in the little picture above. But it is not hopeless at all. Look at the large picture at the top, a transformation achieved with J-M Insulating Board materials.

★

(Atright)—Another basement room with J-M Random Width Insulating Board, and J-M Ceiling Tile, Design T-1.





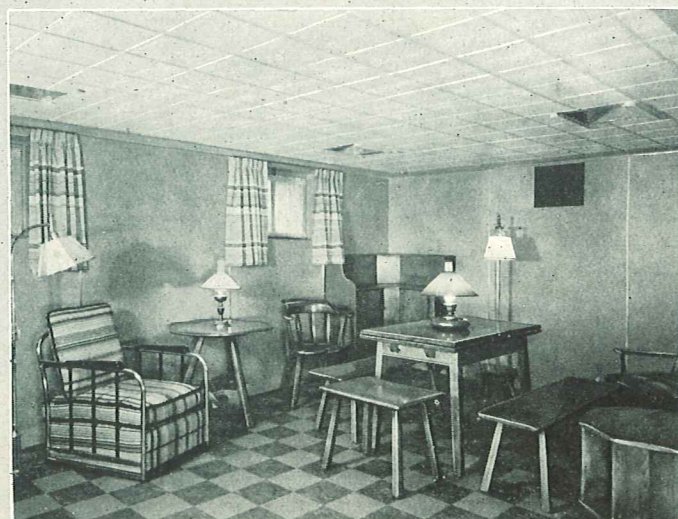
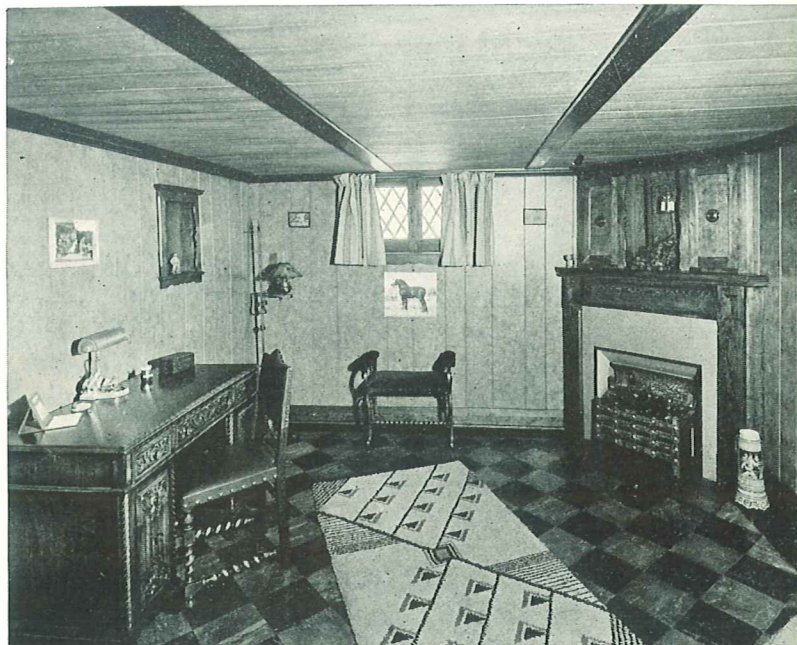
FROM AN UNATTRACTIVE BASEMENT INTO TWO BEAUTIFUL AND USEFUL ROOMS

The "before" view above, and the two "after" views directly at right are a group, showing how an "impossible" basement was converted into two most attractive rooms. The den at the upper right has walls and ceiling of plain Random Width Insulating Board combined with false beams. The general recreation room below it features the same material on the walls, and J-M Decorative Tile on the ceiling. The floor in each case is of Johns-Manville Asphalt Tile.

★

(Lower right)—A ceiling of J-M Decorative Tile combined with walls of J-M Asbestos Flexboard (described on pages 22-25) makes this room practical and inexpensive. The floor is of J-M Asphalt Tile.

The basement shown below is just as attractive and livable as any other room in the home. It has a wainscot of J-M Flexboard, tough and wear-resistant, topped by J-M Insulating Board in random widths, with a ceiling of J-M Decorative Tile, design T-1.



YOUR *Attic*, TOO,
HAS MANY POSSIBILITIES FOR USE . . .



Almost any attic has a place for a cozy spot like this. Here's how it can be made. For the ceiling, use a checker-board pattern of J-M Decorative Ceiling Tile. Put J-M Standard Insulating Board sheets on the walls, and have them grooved as shown. Face the corners with strips of wood or J-M Flexboard, and also use Flexboard under the window seats where kicking and scuffing may occur. Approximate cost for 12' x 14' room including built-in bunks and book case, \$9.66 per month for 36 months.

To get a clear view of the attic in our mirror, you may have to clear away a tremendous amount of rubbish that has accumulated through the years. But once that has been done, a dozen possibilities may pop into your mind that will give you a new conception of what your home can mean to you.

What more useful thing can you imagine than a spare bedroom in the attic—or a sewing room, a play room, or even an apartment? Whether your needs demand a single room, or whether they require a complete apartment including living room, dining room, kitchen and bathroom, Johns-Manville materials will make them easy and economical to obtain.

Look at the gay little bedroom at the left. Isn't it good-looking enough for your most particular guest? Note the color scheme, for one thing; the window seats that become beds at night; and all the other conveniences that make it so homelike. And behind them all (and really responsible for everything) Johns-Manville Insulating Board—large sheets of compressed wood fibre that bring the cost of modernizing an attic 'way down.

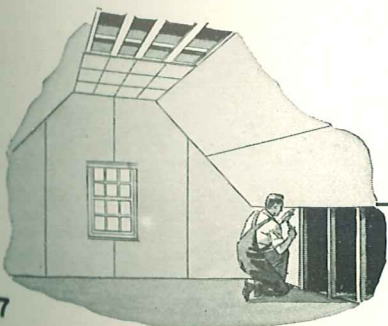
All Johns-Manville Wall Materials, whether Insulating Board, Asbestos Flexboard, or Wainscoting, are at your command. As you read about these materials in this book, you will be able to tell which ones you will want when you improve your attic.

There is one thing that you must not overlook in planning your attic rooms and that is, *adequate insulation*. If you go up there frequently, you know how unbearably hot or cold it can be. If you neglect to insulate your attic thoroughly, it will be the costliest mistake you could make, for it will deprive you of the use of the room for at least half of the year. And only a *full-thickness material* will do!

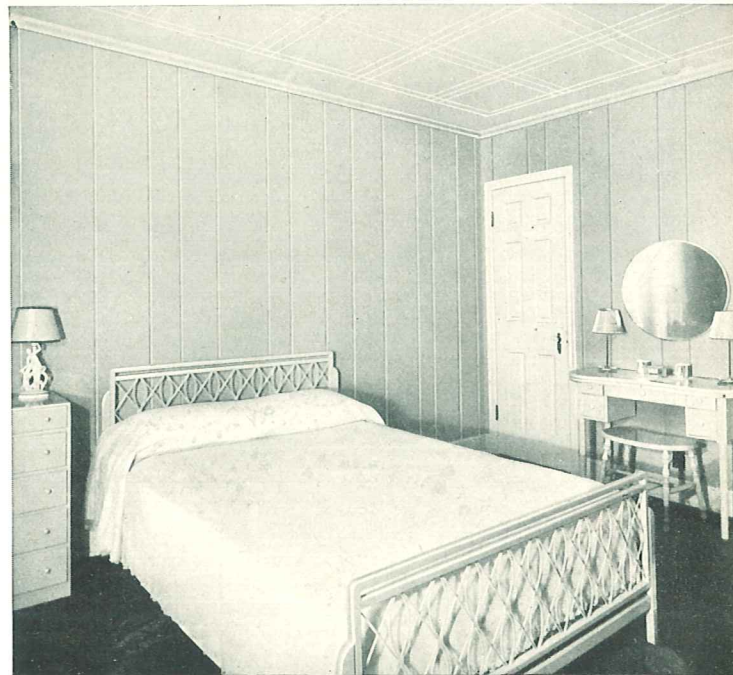
Johns-Manville Type B Home Insulation, applied behind the J-M wall materials, will keep out all unwanted heat and cold, and make that new room as comfortable as the rest of the house. (Of course, you'll include sufficient radiation.) For a description of J-M Home Insulation, see pages 10 and 11.

Floors in unused attics are generally of rough tongue-and-grooved lumber, suitable to receive a finished floor of hard or soft wood or linoleum. Occasionally, however, the existing floor can be put in condition suitable for your use. This naturally will save you money.

Sometimes attics are hard to reach. In such cases, a disappearing stair is a satisfactory answer. If there isn't room on the attic floor for the stair ladder, you can build a permanent stairway. The convenience of having an attic you can use is well worth installing a stair of either type.



Instead of a "barn of an attic," why not have an all-purpose extra room like this? J-M Insulating Board will give it attractive walls.



This extra bedroom, with walls of J-M scored Insulating Board is just the thing for the unexpected guest, or for the son or daughter home for a visit.

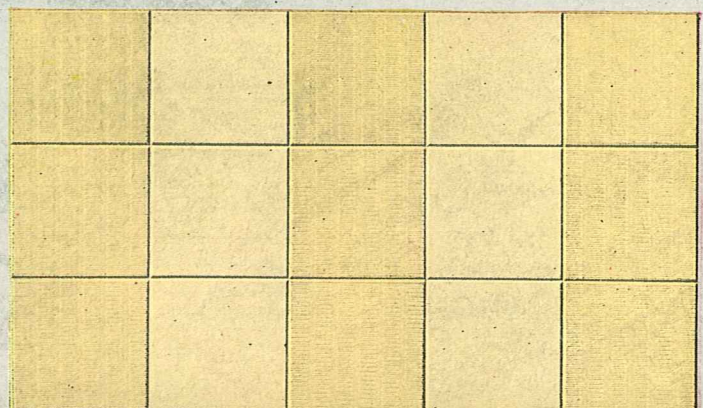
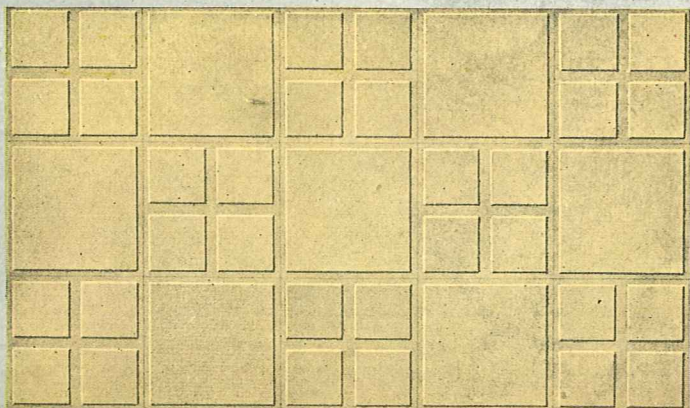


Here's a den, study, library or what-have-you, that can even be used as an additional bedroom or guest room when the occasion demands.

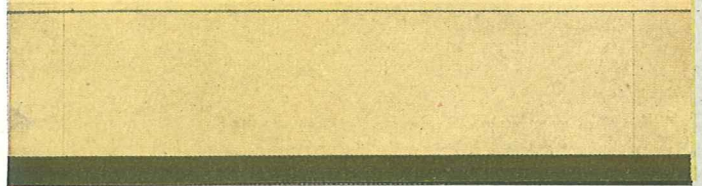
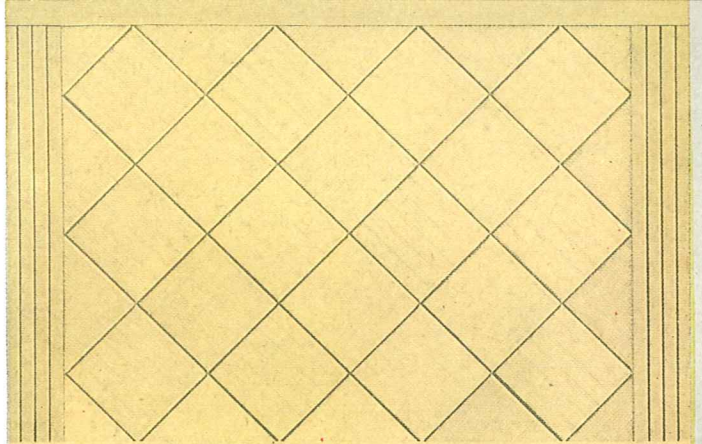
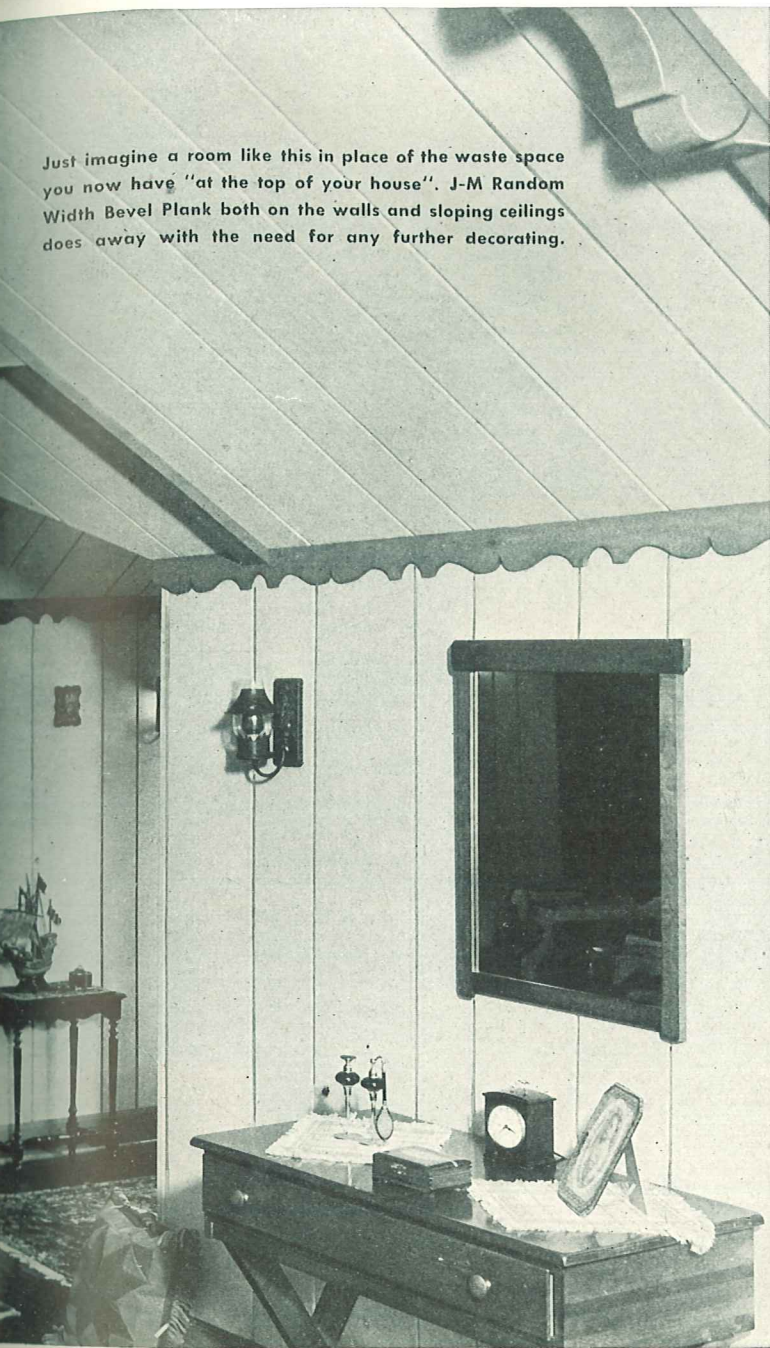


A FEW OF THE MANY DESIGNS POSSIBLE WITH J-M INSULATING BOARD PRODUCTS

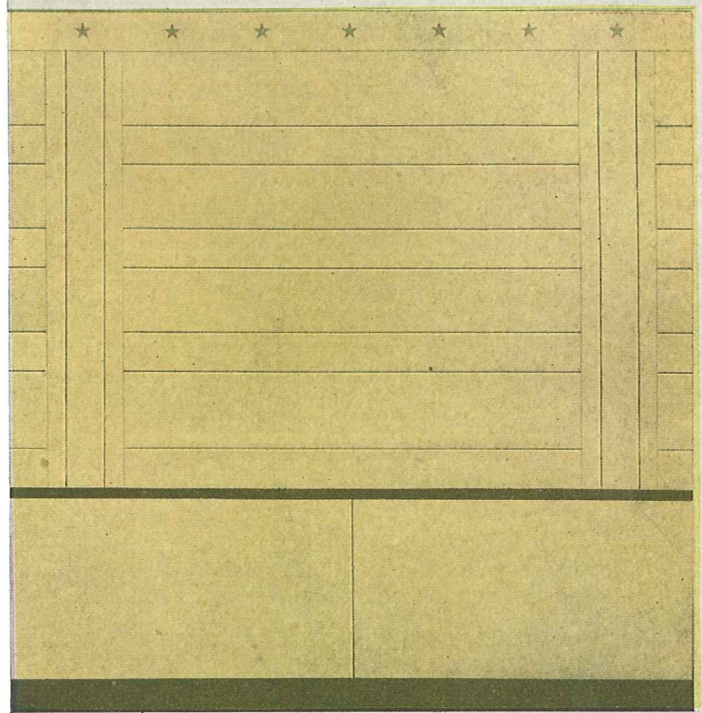
1. J-M Decorative Ceiling Tile in an over-all checkerboard design made by alternating tiles of designs T-1 and T-2.
2. An interesting Bevel Tile Ceiling, using alternate rows of Buftex and standard colored tiles to provide an effective color contrast.
3. Attractive paneled walls can be made by cutting stiles and rails out of Insulating Board and applying them over standard sheets.
4. This treatment is made entirely of standard Insulating Board with the necessary beveling done by the contractor on the job.
5. A modern wall design achieved with Random Width Plank laid horizontally, and with pilasters and wainscot of beveled Insulating Board.
6. Bevel Tile applied in a good-looking diamond design—the pilasters and wainscot are of Insulating Board grooved on the job.



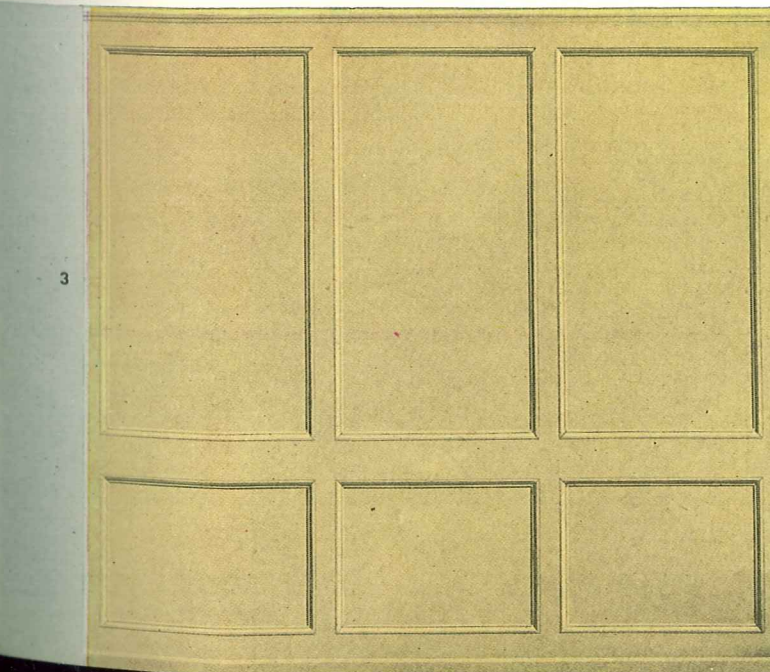
Just imagine a room like this in place of the waste space you now have "at the top of your house". J-M Random Width Bevel Plank both on the walls and sloping ceilings does away with the need for any further decorating.



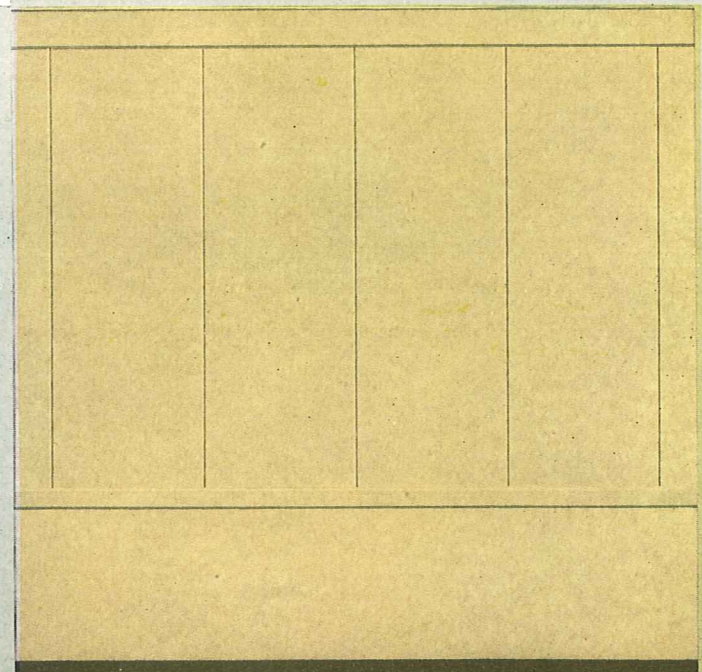
6



5



3



4

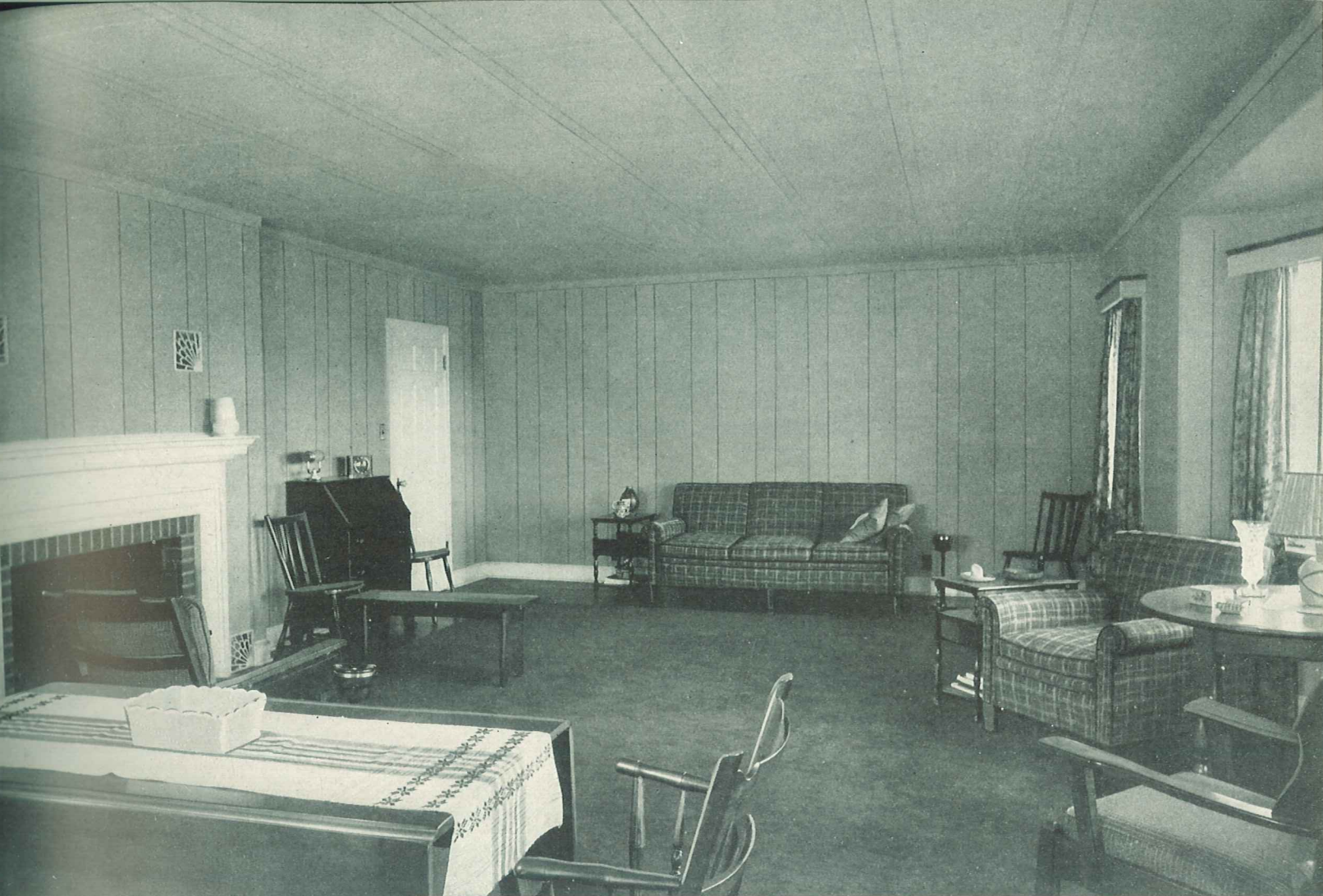
If your plaster walls or ceilings are cracked, they now can have a real . . .

Permanent Beauty Treatment



(At top)—A living room with crack-proof walls of J-M Random Width Insulating Board, and a ceiling made with J-M Decorative Ceiling Tile, T-3.

(At left)—Permanent walls of J-M Asbestos Flex-board; ceiling of J-M Insulating Board bevelled on the job.



ONE OF THE MAJOR PROBLEMS in almost every home is "what to do with cracked plaster". Perhaps this is the one defect which meets your eye as you examine your painted or papered walls and ceilings. Some of them may even be past repair.

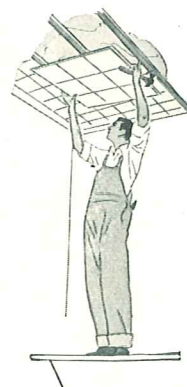
Naturally you dread the annoyance and expense of tearing off the old plaster and applying new. To answer this specific problem, Johns-Manville has developed a special line of decorative ceiling materials made of Insulating Board, and furnished in a variety of sizes and designs. They are known as Bevel Tile and Decorative Ceiling Tile. Many of them have been shown in the pictures on the preceding pages. And for wall treatment, there are the large Insulating Board sheets.

The development of these materials has made it possible to achieve, *at low cost*, a latitude of design and a beauty of effect heretofore unobtainable with fibre board materials. Any of these pleasingly designed J-M products are generally applied right over old, unsightly plaster, on narrow wood strips that are first nailed securely into the framework of

the house. This simple treatment gives your walls a finish about which you will never have to worry. Cracks cannot develop, and the joints require no covering, because they are part of the design. (With the large sheets, batten strips or beveled joints can be used.)

No finishing is necessary, although the surface will readily take painting or staining. Usually the average 10' x 12' room can be entirely re-ceilinged in one working day—an example which serves to illustrate the simplicity and speed of the operation. The cost is only a small fraction of the cost of re-plastering—and there is none of the inconvenience.

There are many treatments possible with Johns-Manville wall and ceiling materials, ranging from the conservative to the modern. Your architect can readily adapt them to your needs, or design special effects to suit your purpose.





**Your old Kitchen Walls can
with J-M Asbestos Flexboard**



easily be Modernized

. . . Lustrous, Sanitary



IF GENERAL EXPERIENCE holds true in your case, our mirror will reveal a number of things which you would like to change in your kitchen, because new fixtures and accessories have outmoded many kitchens that were "modern" only 8 or 10 years ago. But no matter what you may select in the way of fixtures or equipment, you will be interested in the possibilities of Johns-Manville Decorative Asbestos Flexboard for your walls.

Here is a lustrous asbestos-cement sheet material with a polished surface that can be cleaned simply by wiping it with a dry or damp cloth. If its lustre ever should become dim, all you have to do is rub the dulled section with a little household wax, and the gloss will be restored in a jiffy. (Because Flexboard is surfaced with a wax finish, it is not recommended for use around bathtubs or in shower stalls.) You'll never have to worry about the finish becoming cracked, crazed or marred. And you'll never have to worry about painting it, because Flexboard never requires any such restorative treatment; the color goes all the way through the sheet. From the attractive colors of Green, Buff, Rose, Slate, and Light Gray you can select just the background you want.

Plain or tile design . . . many interesting effects

The kitchens which are illustrated on these and the following pages show something of the variety of wall effects which can be obtained with J-M Flexboard. In addition to the plain sheets, you may have the tile design in 4-inch squares. As for joints, you may leave them plain (in which case the sheets will be nailed with small escutcheon pins), or you may have them covered by wood battens or metal mouldings, which also serve as fasteners. You may use the sheets in the full 4-foot width, or you may cut them to narrower widths for individual effects.

Applied over old walls at amazingly low cost!

Your contractor can readily apply J-M Decorative Flexboard right over your old walls, for the plain design 4' x 8' sheets or the "tiled" 4' x 4' sheets can actually be sawed, nailed and handled like any fibre board. It is this workability, combined with the low cost of the material itself, which makes finished jobs so reasonable in price. Your Johns-Manville Dealer or Contractor will gladly give you an estimate of the cost of "doing over" your kitchen walls with this beautiful material.

For general utility—

J-M Standard Asbestos Flexboard

If you wish to do jobs where a decorative finish is not required, yet where you want the advantages of fire resistance and cleanliness, use J-M Standard Asbestos Flexboard, which is made in the same plain and tile designs as the decorative material, but is not polished, and is available only in buff. For special color effects, Standard Flexboard can be varnished or lacquer-enameled to suit.

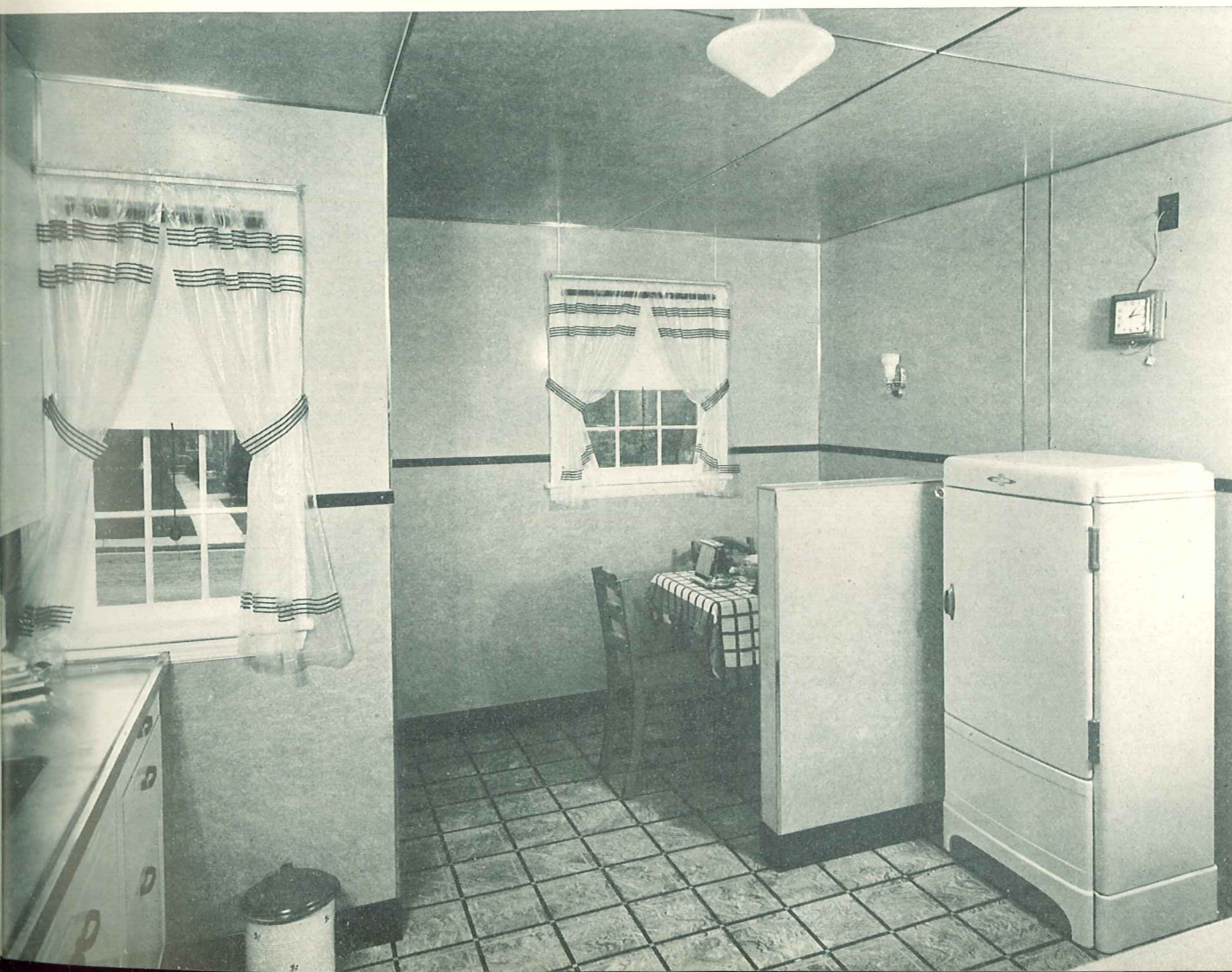
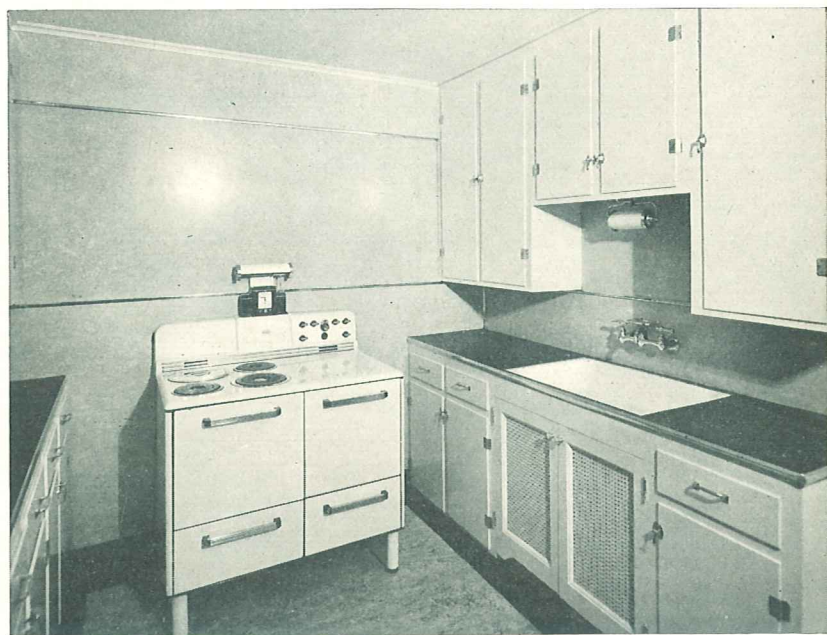
J-M Asbestos Flexboard in Rose and Slate forms the walls of this most attractive kitchen and breakfast nook, while lustrous J-M Asbestos Wainscoting in white tile design provides an interesting contrast for the stove recess. Polished metal strips add a modern touch at only slight additional cost. Approximate cost of 12' x 16' room, \$18.18 per month for 36 months.

J-M ASBESTOS FLEXBOARD can be applied quickly and economically by any competent contractor.

"Will it take long to do over my kitchen with Flexboard?" asks the busy housewife. The answer is no, for these light, strong, asbestos-cement sheets can be sawed, nailed and handled as easily as any fibre board. The man at the right shows how the work is done, cutting away the plaster so that nailing strips can be fastened to the studding to assure a finished job that will be perfectly flat and true.



Based on the preference expressed by housewives for modern wall finishes in their kitchens, these four views demonstrate the adaptability of J-M Asbestos Flexboard to this trend. The Flexboard colors—Green, Rose, Buff, Slate, and Light Gray can be used singly or in combination. This identical material is also available in a 4" tile pattern with soft gray score marking.



You Can Completely Transform with this Beautiful



With J-M Asbestos Wainscoting in Marbleized design and Color Panels, any dingy bathroom can be given new walls as smart as these. For this particular room, the designer chose Black and Gold Marbleized Wainscoting in combination with Light Green Color Panels, and employed wide wooden strips to cover joints and add a decorative touch. Approximate cost for 7' 6" x 7' 4" room, \$8.92 per month for 36 months. Fixtures extra.

Your Bathroom Walls

Material . . . *at low cost*

ALTHOUGH it is the last room we shall look at in our mirror, your bathroom is one of the most important spots in your home, for no other room more quickly stamps a home as modern or out of date. Constantly attacked by shower splashes, dripping hands, soap drips, and steam, there is little wonder that ordinary bathroom walls soon lose their original fresh appearance.

To withstand these enemies, bathroom walls should be easy to clean, and able to retain their color under trying conditions. Just such a material is Johns-Manville Asbestos Wainscoting—an asbestos-cement sheet with a "baked on" surface especially developed for severe service. It is ideal for all places in the home where a sanitary and durable wall finish is desired.

Choice of three styles . . . Color Panels, Tile Design, and Marbleized

With Color Panels, which are plain sheets of clear, lustrous color, you can have walls in the modern manner, with a distinctive, decorative touch added by chromium strips and corners. As shown in the colored illustration on the opposite page, these plain sheets can be combined effectively with the Marbleized style, or the Marbleized sheets can be used separately. There are four authentic marble patterns from which to choose—Breche Rose, Jaune Fleuri, Black and Gold, and Verde Antique. The third style is the Tile Design, which gives your walls the effect of 4-inch tile set in colored mortar.

Both the Color Panels and the Tile Design are available in Light Green, Light Blue, Ivory, White, and (on special order), Black. In addition to its uses in the home, J-M Asbestos Wainscoting is ideal for commercial uses, as in banks, offices, display rooms, delicatessens, meat shops, candy stores and beauty parlors.

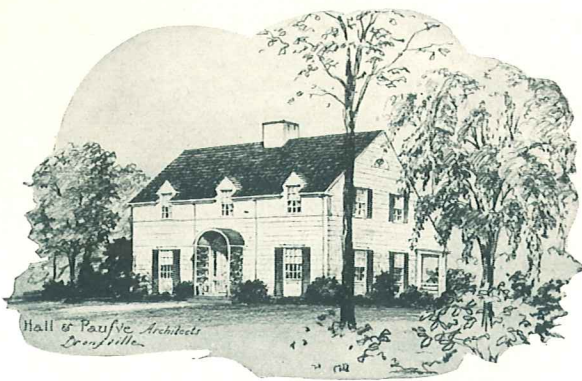
Whatever your fixtures and general bathroom scheme may be, you will be able to select a harmonizing wall finish from these three styles of J-M Asbestos Wainscoting.



A bathroom with walls of J-M Ivory Color Panels, with joints between the sheets covered by polished metal mouldings.

A lavatory done in white J-M Asbestos Wainscoting in Tile design, with upper walls of J-M Asbestos Flexboard.





You can finance improvements in your home under the government- sponsored Home Improvement Plan

THE important subject of improving the home is one on which every home owner gladly seeks advice. Johns-Manville feels that it is particularly fitted to help you solve your home improvement problems. Because it is engaged in manufacturing—not one or two specialties—but a wide variety of basic building materials, it is in a position to talk with authority about the *entire* home, room by room, even including the outside walls and the roof.

Many of the suggestions given in this book are complete in themselves. Others may require some addition on your part to make them fit your needs. But all are sound in principle, and, we are sure, will be helpful to you.

When you have decided what improvements you want to make, you will find Johns-Manville materials ready to help you make them with greatest economy. And in your J-M dealer and contractor you will find dependable assistants, not only in the execution of the work, but in the planning as well.

Furthermore from the point of view of any home owner who is interested in keeping his home in good repair and up-to-date, the government-sponsored Home Improvement Plan—based on solid fact and sound finance—is one of the most helpful plans ever offered. As a result of this plan, the modernization of your home can now be made on the simplest and most workable terms ever offered for home repairs and improvements. Now you

need no longer put off those important jobs because of the lack of ready cash.

Today, the advantages of this Home Improvement Plan are available to you. You can have your work done at once without any down payment, and you have a full year or more to pay in easy monthly installments that will fit your personal budget.

Any Johns-Manville dealer or contractor will gladly make all arrangements for financing whatever home improvement work you would like to have done.

Look through the pages of this book. See the wealth of things you can do,—how, for instance, you can have attractive, useful attic and basement rooms; how you can have “tiled” walls for your kitchen and bathroom at a fraction of what you would expect to pay. If your home is hard to heat in winter—if it becomes insufferably hot in summer, then most assuredly you will be interested in J-M Home Insulation. If you need a new roof, or if your outside walls are growing shabby, don't miss the valuable suggestions for re-roofing and re-siding.

After you have gone through this book, let us help you with your specific problems. Johns-Manville dealers and contractors are fully qualified to answer your questions, and will gladly estimate on any home improvements you have in mind, without obligating you in the slightest.

No down payment—amounts up to \$2,000 available for home improvements—at lowest rates ever available.



Payments to fit your personal budget may be spread over a three year period—no service charge.



Now let's ask your house itself some questions!

The question you usually hear is, "What have you done about your home?" Now let's turn the tables and ask some questions about what your home does for you and your family. Whenever your house does not have the improvements suggested, put a check in the proper square as a reminder.

- ☐ Do you have a roof that protects the folks from fire and weather and never requires expensive repairs?
- ☐ Are your outside walls attractive and modern, fireproof and permanent?
- ☐ Are you insulated to give the family summer comfort and winter freedom from cold and expensive heating bills?
- ☐ Do your kitchen walls make Mother happy because they are up-to-date, permanent, colorful and sanitary?
- ☐ If your bathroom walls can be made colorful, modern and durable at low cost, will the family appreciate it?
- ☐ Do you have any old or cracked walls or ceilings that should be replaced with new, beautiful, crack-proof finishes?
- ☐ Will a room in the attic provide a place for all the family to read, work, play, or rest?
- ☐ Can you give a playroom to the children, a game room to Father, or a social room to Mother in the basement?

Do you provide these added comforts?

- ☐ Storm sash
- ☐ Screens
- ☐ Electric equipment
- ☐ Fireplace
- ☐ Air conditioning
- ☐ Weatherstripping
- ☐ Enclosed porch
- ☐ Thermostatic control of heat
- ☐ Humidifier

How about these conveniences?

- ☐ Extra bathroom or lavatory
- ☐ Closets, cabinets, bookcases
- ☐ Modernized hall
- ☐ Incinerator
- ☐ New garage or driveway
- ☐ Convenience outlets
- ☐ Dining alcove
- ☐ Cedar closets

Do you need any of these improvements?

- ☐ Interior decoration
- ☐ Restoring wood-work and wood paneling
- ☐ Casement windows
- ☐ New front entrance
- ☐ Refinishing floors
- ☐ New hardware
- ☐ Fences

REMEMBER . . . your Johns-Manville Dealer is Building Materials Headquarters in your community. He will be glad to give you helpful advice about your home improvement plans and problems.



CANADIAN JOHNS-MANVILLE CO. LIMITED

Mines and Factory, ASBESTOS, QUE.

MONTREAL
910 St. James Street

TORONTO
Laird Drive (Leaside)

WINNIPEG
156 McPhillips Street

VANCOUVER
325 Howe Street

DISTRICT OFFICES

BOSTON
75 Federal Street
CHICAGO
230 No. Michigan Avenue
DENVER
17th Street and Glenarm
NEW ORLEANS
200 Carondelet Street

SAN FRANCISCO
159 New Montgomery Street
CINCINNATI
Central Parkway at Walnut Street
LOS ANGELES
714 West Olympic Boulevard

NEW YORK
22 East 40th Street
SEATTLE
1318 Fourth Avenue
ATLANTA
101 Marietta Street

CLEVELAND
45 Prospect Avenue, N.W.
MILWAUKEE
757 North Broadway
PHILADELPHIA
1617 Pennsylvania Boulevard
ST. LOUIS
1705 Locust Street

Johns-Manville International Corporation

PARIS LONDON MOLL, Belgium RIO DE JANEIRO BUENOS AIRES